

| Application No.   | Applicant(s) |  |  |  |  |  |  |  |
|-------------------|--------------|--|--|--|--|--|--|--|
| 10/718,489        | PARK ET AL.  |  |  |  |  |  |  |  |
| Examiner          | Art Unit     |  |  |  |  |  |  |  |
|                   |              |  |  |  |  |  |  |  |
| Maria N. Von Buhr | 2125         |  |  |  |  |  |  |  |

|  |   |   |     |                | IS                                    | SUE CLA   | SSIFICA                    | TION                                      | STEEL |       |  |  |  |  |  |  |
|--|---|---|-----|----------------|---------------------------------------|---|----------------------------|---|---|-------|--|--|--|--|--|--|
| ORIGINAL   |   |   |     |                |                                       | CROSS REFERENCE(S)                                |                            |   |   |       |  |  |  |  |  |  |
| CLASS SUBCLASS   |   |   |     | SUBCLASS       | 72<br>702                             | SUBCLASS (ONE SUBCLASS PER BLOCK)                 |                            |   |   |       |  |  |  |  |  |  |
| 700 155  |   |   | 155 | 9.2            |                                       | 2   |                            |   |   |       |  |  |  |  |  |  |
| INTERNATIONAL CLASSIFICATION   |   |   |     | CLASSIFICATION |                                       | 185   |                            | 100000000000000000000000000000000000000   | 11 000<br>11 000<br>12 12 12 12 12 12 12 12 12 12 12 12 12 1  |       |  |  |  |  |  |  |
| G  | 0 | 6 | F   | 19/00          |                                       |   |                            |   |   | i i i |  |  |  |  |  |  |
| В  | 2 | 1 | В   | 37/00          |                                       |   | 2007 00 25                 | 7 (A) | 100 gan 200 gan 300 ga  |       |  |  |  |  |  |  |
|  |   |   |     | 1              |                                       |   |                            |   | 777 1 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |       |  |  |  |  |  |  |
|  |   |   |     | T              |                                       |   | ri in gang ka              |   |   |       |  |  |  |  |  |  |
| .,   |   |   |     |                | , , , , , , , , , , , , , , , , , , , |   |                            |   |   |       |  |  |  |  |  |  |
| (Assistant Examiner) (Date)  (Constituting the state of t |   |   |     |                | B)                                    | 2004) 1 2014   1 10 1 10 1 10 1 10 1 10 1 10 1 10 | Von B                      | Total Claims Allowed: 30                  |   |       |  |  |  |  |  |  |
|  |   |   |     |                |                                       | MARIA N. \ PRIMARY E                              | ON BUHR EXAMINER Examiner) | O.G.<br>Print Claim(s)                    | O.G.<br>Print Fig<br>1a-b   |       |  |  |  |  |  |  |

|       | Claims renumbered in the same order as presented by applicant |                  |       |          |  |       |          |      | ПС    | PA       | ☐ T.D. |       |          | ☐ R.1.47 |          |  |       |          |
|-------|---|------------------|-------|----------|--|-------|----------|------|-------|----------|--------|-------|----------|----------|----------|--|-------|----------|
| Final | Original  |                  | Final | Original |  | Final | Original |      | Final | Original |        | Final | Original | Final    | Original |  | Final | Original |
| 1     | 1   |                  |       | 31       |  |       | 61       |      |       | 91       |        |       | 121      |          | 151      |  |       | 181      |
| 2     | 2   |                  |       | 32       |  |       | 62       |      |       | 92       |        |       | 122      |          | 152      |  |       | 182      |
| 3     | 3   | recand<br>Timese |       | 33       |  |       | 63       |      |       | 93       |        |       | 123      |          | 153      |  |       | 183      |
| 4     | _ 4   |                  |       | 34       |  |       | 64       |      |       | 94       |        |       | 124      |          | 154      |  |       | 184      |
| 5     | 5   |                  |       | 35       |  |       | 65       |      |       | 95       |        |       | 125      |          | 155      |  |       | 185      |
| 6     | 6   |                  |       | 36       |  |       | 66       |      |       | 96       |        |       | 126      |          | 156      |  |       | 186      |
| 8     | 7   |                  |       | 37       |  |       | 67       |      |       | 97       |        |       | 127      |          | 157      |  |       | 187      |
| 9     | 8   |                  |       | 38       |  |       | 68       |      |       | 98       |        |       | 128      |          | 158      |  |       | 188      |
| 11    | 9   |                  |       | 39       |  |       | 69       |      |       | 99       |        |       | 129      |          | 159      |  |       | 189      |
| 12    | 10  |                  |       | 40       |  |       | 70       |      |       | 100      |        |       | 130      |          | 160      |  |       | 190      |
| 7     | 11  |                  |       | 41       |  |       | 71       |      |       | 101      |        |       | 131      |          | 161      |  |       | 191      |
| 14    | 12  |                  |       | 42       |  |       | 72       |      |       | 102      | A.     |       | 132      | _        | 162      |  |       | 192      |
| 15    | 13  |                  |       | 43       |  |       | 73       |      |       | 103      |        |       | 133      |          | 163      |  |       | 193      |
| 16    | 14  |                  |       | 44       |  |       | 74       |      |       | 104      |        |       | 134      |          | 164      |  |       | 194      |
| 17    | 15  |                  |       | 45       |  |       | 75       |      |       | 105      |        |       | 135      |          | 165      |  |       | 195      |
| 19    | 16  |                  |       | 46       |  |       | 76       | iff) |       | 106      |        |       | 136      |          | 166      |  |       | 196      |
| 20    | 17  |                  |       | 47       |  |       | 77       |      |       | 107      |        | _     | 137      |          | 167      |  |       | 197      |
| 21    | 18  |                  |       | 48       |  |       | 78       |      |       | 108      |        |       | 138      |          | 168      |  |       | 198      |
| 22    | 19  |                  |       | 49       |  |       | 79       |      |       | 109      |        |       | 139      |          | 169      |  |       | 199      |
| 23    | 20  |                  |       | 50       |  |       | 80       |      |       | 110      |        |       | 140      |          | 170      |  |       | 200      |
| 24    | 21  | Nie og           |       | 51       |  |       | 81       |      |       | 111      |        |       | 141      |          | 171      |  |       | 201      |
| 25    | 22  |                  |       | 52       |  |       | 82       |      |       | 112      |        |       | 142      |          | 172      |  |       | 202      |
| 26    | 23  |                  |       | 53       |  |       | 83       |      |       | 113      |        |       | 143      |          | 173      |  |       | 203      |
| 27    | 24  |                  |       | 54       |  |       | 84       |      |       | 114      |        |       | 144      |          | 174      |  |       | 204      |
| 28    | 25  |                  |       | 55       |  |       | 85       |      |       | 115      |        |       | 145      |          | 175      |  |       | 205      |
| 29    | 26  |                  |       | 56       |  |       | 86       |      |       | 116      |        |       | 146      |          | 176      |  |       | 206      |
| 30    | 27  |                  |       | 57       |  |       | 87       |      |       | 117      |        |       | 147      |          | 177      |  |       | 207      |
| 10    | 28  |                  |       | 58       |  |       | 88       |      |       | 118      |        |       | 148      |          | 178      |  |       | 208      |
| 13    | _29_  |                  |       | 59_      |  |       | 89       |      |       | 119      |        |       | 149      |          | 179      |  |       | 209      |
| 18    | 30  |                  |       | 60       |  |       | 90       |      |       | 120      |        |       | 150      |          | 180      |  |       | 210      |